


Release 3 1A John F. Collins, Biocomputing Research Unit.
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Mpsch_nn n.a. - n.a. database search, using Smith-Waterman algorithm
 Run on: Fri Jan 14 15:02:23 2000; MasPar time 73.50 seconds
 Tabular output not generated.

Title: >US-08-978-217-15
Description: (6301-9300) from US08978217.seq (8 of 10)
Perfect Score: 1000
N.A. Sequence: 6301 ATCACCCGGAGCTAACGA.....AGCCTTGGCTCTCTCTC 7300
Comp:

Scoring table: TABLE default
Gap 6

Nmatch	STD	Dbase 0; Query 0
Searched:	165362 seqs, 43234748 bases x 2	

Post-processing: Minimum Match 0% summaries
Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description	Pred. No.
C 1	128	12.8	1920	3 US-08-946- Sequence 1, Application 1.86e-80	1
C 2	70	7.0	7218	2 US-08-232- Sequence 14, Application 1.43e-34	1
C 3	36	3.6	965	3 US-08-388- Sequence 22, Application 8.50e-10	1
C 4	32	3.2	965	3 US-08-388- Sequence 22, Application 3.78e-07	1
C 5	31	3.1	215	1 US-08-238- Sequence 5, Application 1.67e-06	1
C 6	29	2.9	215	1 US-08-238- Sequence 5, Application 3.13e-05	1
C 7	28	2.8	1504	2 US-08-238- Sequence 43, Application 1.32e-04	1
C 8	28	2.8	1604	4 PCT-US95-0 Sequence 9, Application 1.32e-04	1
C 9	28	2.8	2544	3 US-08-469- Sequence 6, Application 1.32e-04	1
C 10	28	2.8	7218	2 US-08-322- Sequence 14, Application 1.32e-04	1
C 11	27	2.7	2975	2 US-08-368- Sequence 1, Application 5.45e-04	1
C 12	27	2.7	3240	2 US-08-368- Sequence 3, Application 5.45e-04	1
C 13	25	2.5	1	1 US-08-273- Sequence 1, Application 8.72e-03	1
C 14	24	2.4	74	4 PCT-US95-1 Sequence 94, Application 3.37e-02	1
C 15	24	2.4	75	4 PCT-US95-1 Sequence 99, Application 3.37e-02	1
C 16	24	2.4	75	4 PCT-US95-1 Sequence 99, Application 3.37e-02	1
C 17	24	2.4	81	4 PCT-US95-1 Sequence 92, Application 3.37e-02	1
C 18	24	2.4	81	4 PCT-US95-1 Sequence 98, Application 3.37e-02	1
C 19	24	2.4	82	4 PCT-US95-1 Sequence 97, Application 3.37e-02	1
C 20	24	2.4	82	4 PCT-US95-1 Sequence 97, Application 3.37e-02	1

ALIGNMENTS

RESULT ID	US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC	xxxxxx
DT	Sequence 1, Application US/08746789A
CC	Sequence 1, Application US/08746789A
CC	PATENT NO. 5,789200
CC	GENERAL INFORMATION: APPLICANT: Ismail Kola, Martin J. Tymons, Christine Debouck TITLE OF INVENTION: A No. 5789200el Human ERS Family Member, ELF3
CC	NUMBER OF SEQUENCES: 4
CC	CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline Beecham Corporation STREET: 709 Swedenborg Road, P.O. Box 1539 CITY: King of Prussia STATE: PA COUNTRY: USA ZIP: 19406-0939
CC	COMPUTER READABLE FORM: COMPUTER: IBM 46 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS CURRENT APPLICATION DATA: APPLICATION NUMBER: US08/746,789A FILING DATE: NO. 5789200ember 15, 1996 CLASSIFICATION: 514
CC	PRIOR APPLICATION DATA: APPLICATION NUMBER: FILING DATE:
CC	ATTORNEY/AGENT INFORMATION: NAME: William T. Han REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: ATG 50024
CC	TELECOMMUNICATION INFORMATION: TELEPHONE: 610 270 5219 TELEFAX: 610 270 4026
CC	INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 1920 TYPE: Nucleic Acid
CC	STRANDEDNESS: Single TOPOLOGY: Linear
CC	ANTI-SENSE: No

SEQUENCE 1920 BP; 422 A; 561 C; 550 G; 387 T; 0 OTHER.
 Query Match 12.8%; score 128; DB 3; Length 1920;
 Best Local Similarity 79.7%; Pred. No. 1.86e-80; Mismatches 46; Indels 3; Gaps 3;
 Matches 192; Conservative 0; MisMatches 46; Indels 3; Gaps 3;

CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC IMMEDIATE SOURCE:
 CC CLONE: PIZGPI-F1S
 SQ SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
 Query Match 7.0%; Score 70; DB 2; Length 7218;
 Best Local Similarity 1.1%; Pred. No. 1.43e-34; Mismatches 152; Indels 0; Gaps 0;
 Matches 4; Conservative 218; MisMatches 152; Indels 0; Gaps 0;

Db 1114 AGGTACTACTAACAAACGGGAGATCTGGACCGGGTGTATGGCCCGGACTCGTGTACAG 1173
 Qy 6999 AGGTTATTACAAACGGGAGATCTGGACCGGGTGTATGGCCCGGACTCGTGTACAG 7058
 Db 1174 TTTCGCAAAACTCAAGCGGCTGGAAAGGGAGAAGGTCTCCAGAGTGGAACTGAGG 1233
 Qy 7059 TTTCGCAAAACTCAAGCGGCTGGAAAGGGAGAAGGTCTCCAGAGTGGAACTGAGG 7118
 Db 1234 TTGCAACTATACCCGGGACCAACTCACCGGACCA-CTCCAGGCCTGCAACCTCTGG 1292
 Qy 7119 TCGGGGCTGACCCAGGACTGACTCAGGCATGACTCCAGAAGTCG-AAGCCTCTGG 7177
 Db 1293 AGGACAGGGAGGCCAGATGGCCCC-TCCACTGGGAACTGCTCCAGCTGTGCTGGAGA 1351
 Qy 7178 AGGACAGGGAGGCCAGTGGCTGACCCGCCCTAACATGGATGCTTCCCTGTTGCTCTAGAGA 7237
 Db 1352 G 1352
 Qy 7238 G 7238

RESULT 2
 ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
 AC xxxxxx
 DT Sequence 14, Application US/08232463
 CC Patent No. 5,670367
 CC GENERAL INFORMATION:
 CC APPLICANT: DORNER, F.
 CC APPLICANT: SCHIFFLINGER, F.
 CC APPLICANT: FALKNER, F. G.
 CC TITLE OF INVENTION: RECOMBINANT FOWLUPOX VIRUS
 CC NUMBER OF SEQUENCES: 52
 CC CORRESPONDENCE ADDRESS:
 CC STREET: 1800 Diagonal Road, Suite 500
 CC CITY: Alexandria
 CC STATE: VA
 CC COUNTRY: USA
 CC ZIP: 22313-0299
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC OPERATING SYSTEM: IBM PC compatible
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE: 26-AUG-1991
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/07/935,313
 CC FILING DATE:
 CC APPLICATION NUMBER: EP 91 114 300.6
 CC FILING DATE: 26-AUG-1991
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: BENT, Stephen A.
 CC REGISTRATION NUMBER: 29,768
 CC REFERENCE/DOCKET NUMBER: 30/72/114 IMMU
 CC TELECOMMUNICATION INFORMATION:
 CC TEL/FAX: (703)683-4109
 CC TEL/FAX: 899149
 CC INFORMATION FOR SEQ ID NO: 14:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 7218 base pairs
 CC TYPE: nucleic acid

RESULT 3
 ID US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
 AC xxxxxx
 DT Sequence 22, Application US/08388672A
 CC Sequence 22, Application US/08388672A
 CC Patent No. 5,795961
 CC GENERAL INFORMATION:
 CC APPLICANT: Wallace, T. Paul
 CC APPLICANT: Harris, William J.
 CC APPLICANT: Carr, Frank J.
 CC APPLICANT: Old, Lloyd J.
 CC APPLICANT: Welt, Sydney
 CC APPLICANT: Kitamura, Kunio
 CC TITLE OF INVENTION: Recombinant Human Anti-Lewis B
 CC NUMBER OF SEQUENCES: 25
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Feltje and Lynch
 CC STREET: 805 Third Avenue
 CC CITY: New York
 CC STATE: New York
 CC COUNTRY: U.S.A.
 CC ZIP: 10022
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/388,672A
 CC FILING DATE: 14-FEB-1995
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 5795961man D.
 REGISTRATION NUMBER: 30,946
 REFERENCE/DOCKET NUMBER: LUD 5409
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-688-9200
 TELEFAX: 212-838-3884
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 965 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match Local Similarity 3.6%; Score 36; DB 3; Length 965;
 Matches 24; Conservative 64; MisMatches 58; Indels 0; Gaps 0;

Db 800 ASDYITSYWQWRGPGWGDGGYGYNNYGRGRVIMADTSNSNSSVTAADTAVYCVRG 859
 |:|:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Cp 6654 AGTCCTGCAGAACACAGAAATGTAGCTAAGCTAGTGTGTCACGATCTGCCAG 6595
 :|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Db 850 RSYDGGDWGCGTIVVSSHUNKMITSSSASVSDRVTCSRSHGNNTYWKKA 919
 ::|:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Cp 6594 CGCTTTCTCATGCTGACGTAACCAACTACACAGGGCACACACTGRCCTTGCTCT 6535
 ::|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:|||:
 Db 920 KYVRNSNRSGVRSSSGSGTDYTTSSD 945
 ::|||:|||:|||:|||:|||:|||:|||:|||:
 Cp 6534 CCTATAGGGCCTAGCCCTCTCT 6509

RESULT 4
 ID US-08-388-672A-22 STANDARD: DNA; UNC; 965 BP.
 AC xxxxxx
 DT Sequence 22, Application US/08388672A
 Sequence 22, Application US/08388672A
 Patent No. 5795961
 GENERAL INFORMATION:
 APPLICANT: Wallace, T. Paul
 APPLICANT: Harris, William J.
 APPLICANT: Carr, Frank J.
 APPLICANT: Old, Lloyd J.
 APPLICANT: Welt, Sydney
 APPLICANT: Kittanura, Kunio
 TITLE OF INVENTION: Recombinant Human Anti-Lewis B
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Felfe and Lynch
 STREET: 805 Third Avenue
 CITY: New York
 STATE: U.S.A.
 ZIP: 10022
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/388,672A
 FILING DATE: 14-FEB-1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Hanson, No. 5795961man D.
 REGISTRATION NUMBER: 30,946
 REFERENCE/DOCKET NUMBER: LUD 5409
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-688-9200
 TELEFAX: 212-838-3884
 INFORMATION FOR SEQ ID NO: 22:

RESULT 5
 ID US-08-238-163-5 STANDARD: DNA; UNC; 215 BP.
 AC xxxxxx
 DT Sequence 5, Application US/08238163
 DE Sequence 5, Application US/08238163
 CC Sequence 5, Application US/08238163
 CC Patent No. 5568830
 GENERAL INFORMATION:
 APPLICANT: BENNETT, Alan
 APPLICANT: LABAVITCH, John M.
 APPLICANT: POWELL, Ann
 APPLICANT: STOTZ, Henrik
 TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL POLYGLACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend Khourie and Crew
 STREET: Stewart Street Tower, One Market Plaza
 CITY: San Francisco
 STATE: California
 COUNTRY: US
 ZIP: 94105-1493
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/238,163
 FILING DATE: 03-MAY-1994
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Bastian, Kevin L.
 REGISTRATION NUMBER: 34,774
 REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown

CC MOLECULE TYPE: protein
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 1..215
 CC OTHER INFORMATION: /standard_name= "deduced amino acid
 CC OTHER INFORMATION: sequence of PGIP from bean."
 SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
 Query Match 3.1%; Score 31; DB 1; Length 215;
 Best Local Similarity 18.4%; Pred. No. 1.67e-06;
 Matches 40; Conservative 76; Mismatches 98; Indels 3; Gaps 3;
 Db 1 MTNTVMTSSSVSRTASNDKAKKGDTTSSWTDCGNTWCVCDTTYRVNNPSGHNK 60
 Qy 6928 CTGGAAACCAATGCGAACCTCGTCATAGCAT-GCCTCTGGCTCACACCCTGTGACCAC 6985
 Db 61 YSSANYYGGNNYGAAYTHYYHTNVSGADSFTVTDYNSAGTSSNNGTGNGRNRCGA-DS 119
 Qy 6987 TCCTTCCACCGGAGTTACTACACACAGGGATCTGGACGAGGATCTGCTGAGGAGGTGAG 7045
 Db 120 YGSSK-TAMTSNRGKTANNAVDASRNGDASVGSDKNTKKHAKNSADGKVSKNGDRN 178
 Qy 7047 CTCGTCTACAGTTGCGAAGACTCTAGTGCTGAGGAGGTGAG 7105
 Db 179 NRYGTGTSKNSVSNNCGGGNKRDVSYANKCQGSCT 215
 Qy 7107 CGGAATTAAAGGATCGGGCTGGACCCAGGACCTGACT 7143

RESULT 6 ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
 AC xxxxxx
 DT Sequence 5, Application US/08238163
 DE Sequence 5, Application US/08238163
 CC Patent No. 5569330
 CC GENERAL INFORMATION:
 CC APPLICANT: BENNETT, Alan
 CC APPLICANT: LABAVITCH, John M.
 CC APPLICANT: POWELL, Ann
 CC APPLICANT: STOTZ, Henrik
 CC TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
 CC TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
 CC NUMBER OF SEQUENCES: 24
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Townsend and Townsend Khourie and Crew
 CC STREET: Stewart Street Tower, One Market Plaza
 CC CITY: San Francisco
 CC STATE: California
 CC COUNTRY: US
 ZIP: 94105-1493
 CC COMPUTER READABLE FORM:
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/238,163
 CC FILING DATE: 03-MAY-1994
 CC CLASSIFICATION: 800
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Bastian, Kevin L.
 CC REGISTRATION NUMBER: 34/774
 CC REFERENCE/DOCKET NUMBER: 2307E-540
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 541-9600
 CC TELEFAX: (415) 543-5043
 CC INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 215 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: unknown

CC MOLECULE TYPE: protein
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 1..215
 CC OTHER INFORMATION: /standard_name= "deduced amino acid
 CC OTHER INFORMATION: sequence of PGIP from bean."
 SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
 Query Match 2.9%; Score 29; DB 1; Length 215;
 Best Local Similarity 14.8%; Pred. No. 3.13e-05;
 Matches 21; Conservative 56; Mismatches 64; Indels 1; Gaps 1;
 Db 49 TYRVNNDSGHNYKSSANYYGGNNYGAAYTHYYHTNVSGADSFTVTDYNSAGTSSN 108
 Cp 7028 TTCCAGGATCTCCCCGTTGTAGTAATACCTGGTGAAGGAGGGTCAGAGGTGAG 6969
 Db 109 GTDGHRSGSAGSYSSGTAMTSNRGKTANNAVDASRNGDASVGSDKNTKKHAKNSADCK 168
 Cp 6968 CAAGAGGCATGCTATGACAGTCAGTGGCATTTGGTCCCAGCCCCAGTGTGAGCTG 6909
 Db 169 VGSKNNGDRNN-RYGTGTSK 189
 Cp 6908 CCCTCTCTGCTGACTGTGCC 6887

RESULT 7 ID US-08-306-691B-43 STANDARD; DNA; UNC; 1604 BP.
 AC xxxxxx
 DT Sequence 43, Application US/08306691B
 DE Sequence 43, Application US/08306691B
 CC Patent No. 5734039
 CC GENERAL INFORMATION:
 CC APPLICANT: Calabretta, Bruno
 CC APPLICANT: Skorka, Tomasz
 CC TITLE OF INVENTION: ANTISENSE
 CC TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
 CC NUMBER OF SEQUENCES: 55
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Seidel, Gonda, Lavorgha & Monaco, P.C.
 CC STREET: Two Penn Center, Suite 1800
 CC CITY: Philadelphia
 CC STATE: Pennsylvania
 CC COUNTRY: U.S.A.
 ZIP: 19102
 CC COMPUTER READABLE FORM:
 CC COMPUTER: Diskette, 3.50 inch, 720 Kb
 CC OPERATING SYSTEM: MS-DOS
 CC SOFTWARE: Wordperfect 5.1
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/306,691B
 CC FILING DATE: September 15, 1994
 CC CLASSIFICATION: 514
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Monaco, Daniel A.
 CC REGISTRATION NUMBER: 30,480
 CC REFERENCE/DOCKET NUMBER: 8321-8
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (215) 568-8383
 CC TELEFAX: (215) 568-5549
 CC TELEX: NO. 5734039
 CC INFORMATION FOR SEQ ID NO: 43:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1604 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: linear
 SQ SEQUENCE 1604 BP; 418 A; 443 C; 408 G; 335 T; 0 OTHER.

Query Match 2.8%; Score 28; DB 2; Length 1604;
 Best Local Similarity 66.3%; Pred. No. 1.32e-04; Indels 0; Gaps 0;
 Matches 57; Conservative 0; Mismatches 29; Del 0;

Db 1365 TTCAAATTCTGACCCAGATGGGGAAAGGAAAACAAACCT 1424
 Qy 6358 TTCAACTTCTTCAGTCAGGCCAACCTGGGCCAGAGAAGAACAGC 6417

Db 1425 AAGATGAAATTGAGAACTGGCC 1450
 Qy 6418 AACATGACCATGAGAAGCTGAGCC 6443

RESULT 8
 ID PCT-US93-06251-9 STANDARD; DNA; UNC; 1604 BP.
 AC xxxxxx

DE Sequence 6, Application US/08469412A
 DT Sequence 6, Application US/08469412A
 CC Sequence 6, Application US/08469412A
 CC Patent No. 5850125

GENERAL INFORMATION:
 APPLICANT: Mavrothalassitis, George J.
 CC APPLICANT: Blair, Donald G.
 CC APPLICANT: Fisher, Robert J.
 CC APPLICANT: Beal Jr., Gregory J.
 CC APPLICANT: Athanasiou, Meropi A.
 CC APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products
 NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 CC ZIP: 94111-3134

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CC APPLICATION NUMBER: PCT/US93/06251

APPLICATION NUMBER: US/08/469,412A
 FILING DATE: 19930630
 CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
 NAME: DIGIULIO, Frank S.
 REGISTRATION NUMBER: 31,346
 REFERENCE/DOCKET NUMBER: 8586

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 516-742-4343
 TELEFAX: 516-742-4346

INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1504 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double

TOPLOGY: linear
 MOLECULE TYPE: DNA (genomic)

FEATURE:
 NAME/KEY: -
 LOCATION: 1..2544

OTHER INFORMATION: /note= "genomic DNA sequence for murine
 OTHER INFORMATION: ERF gene (promoter region and first exon
 OTHER INFORMATION: not included"

SEQUENCE 2544 BP; 448 A; 820 C; 736 G; 540 T; 0 OTHER.

Query Match 2.8%; Score 28; DB 3; Length 2544;
 Best Local Similarity 68.4%; Pred. No. 1.32e-04; Indels 0; Gaps 0;
 Matches 52; Conservative 0; Mismatches 24; Del 0; Mismatches 29; Indels 0; Gaps 0;

Db 549 GTGGCGCGCTCTGGGGCCAGTCGAAACCCAGATGAATCTGAGC 608
 Qy 6382 GTGGCGCAACCTGGGCCAGAGAAGAACAGCAACTATGAGAAGCTGAGC 6441

Db 609 CGGGTTGGGTGG 624
 Qy 6442 CGAGCCATGAGGTGAG 6457

RESULT 10
 ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
 AC xxxxxx

DE Sequence 14, Application US/08232463
 DT Sequence 14, Application US/08232463
 CC Sequence 14, Application US/08232463
 CC Patent No. 56703367

GENERAL INFORMATION:
 APPLICANT: DORNER, F.

APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300 6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)835-9300
TELEX: 899149
TELEFAX: (703)683-4109
INFORMATION FOR SQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE:
IMMEDIATE SOURCE:
CLONE: PT9gpt-F1s
SEQUENCE: 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
Query Match
BEST LOCAL SIMILARITY: 2.8%; **Score:** 28; **DB:** 2; **Length:** 7218;
Matches: 5; **Conservative:** 37; **Mismatches:** 14; **Indels:** 0; **Gaps:** 0;
Db 1061 TGCAGATYY 1116
Qy 6939 TGCAGACCTCAGTCCATAGCAGCCTGCTACACCTCTGACCACTCCCTCCC 694
RESULT 12
ID US-08-368-281-3 STANDARD; DNA; UNC; 3240 BP.
AC XXXXX
DT
DE Sequence 3, Application US/08368281
CC Sequence 3, Application US/08368281
CC Patent No. 572113
GENERAL INFORMATION:
APPLICANT: Libermann, Towa A
APPLICANT: Oettgen, Joerg P
APPLICANT: Kunsch, Charles A
TITLE OF INVENTION: NERF Genes
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,281
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Baumelster, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX: 610-270-5096
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

Query Match 2.7%; Score 27; DB 2; Length 3240;
 Best Local Similarity 64.2%; Pred. No. 5.45e-04; Mismatches 34; Indels 0; Gaps 0;
 Matches 61; Conservative 0; Strandedness: double

SEQUENCE 3240 BP; 1070 A; 592 C; 662 G; 916 T; 0 OTHER.

Query Match 2.7%; Score 27; DB 2; Length 3240;
 Best Local Similarity 64.2%; Pred. No. 5.45e-04; Mismatches 34; Indels 0; Gaps 0;
 Matches 61; Conservative 0; Strandedness: double

SEQUENCE 3240 BP; 1070 A; 592 C; 662 G; 916 T; 0 OTHER.

Db 882 TTCAACCTGGTGTCAAAGGCTCTCTAAGTTGGGAAGCATAGAACACCA 941
 Qy 6358 TTCAAGTTCTTCGTCAGGGCGTGCCCAAATCTGGGCCAGAAGAAACAGC 6417

Db 942 GACATGAACTATGAAACCATTGGGAGGAGCTTGAG 976
 Qy 6418 AACATGACCATGAGAGCTGAGCCGAGCCATAG 6452

RESULT 13
 ID US-08-273-846-1 STANDARD; DNA; UNC; 290 BP.
 AC xxxxxx
 DT DE Sequence 1, Application US/08273846
 CC Sequence 1, Application US/08273846
 CC Patent No. 5641863
 CC GENERAL INFORMATION:
 CC APPLICANT: SCHREIBER, ALAN D.
 CC APPLICANT: PARK, JONG-GU
 CC TITLE OF INVENTION: METHODS OF STIMULATING PHAGOCYTOSIS
 CC NUMBER OF SEQUENCES: 7
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: NIXON & VANDERHYE P.C.
 CC STREET: 1100 NORTH GLEBE ROAD
 CC CITY: ARLINGTON
 CC STATE: VIRGINIA
 CC COUNTRY: U.S.A.
 CC ZIP: 22201-4714
 CC COMPUTER READABLE FORM:
 CC COMPUTER TYPE: Floppy disk
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, version #1.25
 CC CURRENT APPLICATION DATA:
 CC COMPUTER READABLE FORM:
 CC COMPUTER TYPE: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC COMPUTER READABLE FORM:
 CC COMPUTER TYPE: IBM PC (212) 869-9741/8864
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC COMPUTER READABLE FORM:
 CC COMPUTER TYPE: IBM PC (212) 790-9090
 CC TELEPHONE: (212) 869-9741/8864
 CC TELEFAX: (212) 869-9741/8864
 CC TELEX: 66141 PENNIE
 CC INFORMATION FOR SEQ ID NO: 94:
 CC REFERENCE/DOCKET NUMBER: 1101-196-228
 CC TELECOMMUNICATION INFORMATION:
 CC LENGTH: 74 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: DNA (genomic)
 CC SEQUENCE 74 BP; 3 A; 4 C; 3 G; 1 T; 63 OTHER.

Query Match 2.4%; Score 24; DB 4; Length 74;
 Best Local Similarity 6.2%; Pred. No. 3.37e-02; Mismatches 41; Indels 0; Gaps 0;
 Matches 4; Conservative 20; Strandedness: double

SEQUENCE CHARACTERISTICS:
 LENGTH: 29 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SEQUENCE 290 BP; 17 A; 34 C; 8 G; 11 T; 220 OTHER.

Query Match 2.5%; Score 25; DB 1; Length 242;
 Best Local Similarity 9.8%; Pred. No. 8.72e-03; Mismatches 108; Indels 1; Gaps 1;
 Matches 16; Conservative 38; Strandedness: double

Db 53 DURERDESCRPROC*FXPCALLEDFROMCRREFORM*FXPCALLEDFROMCRFCONY 112
 Qy 6784 ATGAAAGGCCAGCACATAGCCAGAAGGACAGAGAAATGTTAGAACGAGCTGC 6843

Db 113 T*FXPCALLEDFROMON***CALLEDFROMPROCEDUREGETPATHCCRAPPSCR*EX 172

RESULT 14
 ID PCT-US95-11934-94 STANDARD; DNA; UNC; 74 BP.
 AC xxxxxx
 DT Sequence 94, Application PC/US9511934
 CC Sequence 94, Application PC/US9511934
 CC GENERAL INFORMATION:
 CC APPLICANT: CYTOGEN Corporation
 CC TITLE OF INVENTION: Antigen Binding Peptides (Abtides) From
 CC TITLE OF INVENTION: Peptide Libraries
 CC NUMBER OF SEQUENCES: 103
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Pennie & Edmonds
 CC STREET: 1155 Avenue of the Americas
 CC CITY: New York
 CC STATE: New York
 CC COUNTRY: USA
 CC ZIP: 10036
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC COMPUTER READABLE FORM:
 CC COMPUTER TYPE: IBM PC (20-SEP-1995)
 CC APPLICATION NUMBER: PCT/US95/11934
 CC FILING DATE: 20-SEP-1995
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Misrock, S. Leslie
 CC REGISTRATION NUMBER: 18,872
 CC REFERENCE/DOCKET NUMBER: 1101-196-228
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (212) 790-9090
 CC TELEFAX: (212) 869-9741/8864
 CC TELEX: 66141 PENNIE
 CC INFORMATION FOR SEQ ID NO: 94:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 74 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: DNA (genomic)
 CC SEQUENCE 74 BP; 3 A; 4 C; 3 G; 1 T; 63 OTHER.

Query Match 2.4%; Score 24; DB 4; Length 74;
 Best Local Similarity 6.2%; Pred. No. 3.37e-02; Mismatches 41; Indels 0; Gaps 0;
 Matches 4; Conservative 20; Strandedness: double

SEQUENCE 99, Application PC/US9511934
 Sequence 99, Application PC/US9511934
 Sequence 99, Application PC/US9511934
 GENERAL INFORMATION:
 APPLICANT: CytoGen Corporation

TITLE OF INVENTION: Antigen Binding Peptides (Abbreviation)
TITLE OF INVENTION: Peptide Libraries
NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11934
FILING DATE: 20-SEP-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MISTROCK, S. Leslie
REFERENCE/DOCKET NUMBER: 18-872
REGISTRATION NUMBER: 1101-196-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9050
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 75 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE 75 BP; 1 A; 1 C; 7 G; 5 T; 61 OTHER.

	Db	Molecules	4;	conservative	20;	Mismatches	41;	Indels	0;	Gaps
Qy	6442	CGAGCCATGAGGTGAGTCGGCTCAGGCCCTGCTTGGCTCTACTGGCTTCGCT	61							
	62	NBNNB	66							
Qy	6502	AGGTI	6506							

Search completed: Fri Jan 14 15:05:58 2000
Job time : 215 secs.